

The embodiments of the invention for which as exclusive privilege and property right is claimed are defined as follows:

1. A magnetic sealant liner applicator used for applying sealant to a plurality of metal lids, the applicator receiving the metal lids from an infeed conveyor and discharging the metal lids with sealant thereon to a discharge conveyor, the applicator comprising:

a motor driven starwheel, said starwheel mounted on top of a tabletop, said starwheel driven in one direction, said starwheel having a plurality of cam followers spaced apart and extending outwardly from a circumference thereof, said cam followers adapted for receiving individual metal lids thereagainst;

at least one sealant gun mounted on said starwheel, said sealant gun under computer control, said sealant gun for applying the sealant on one of the metal lids; and

a motor driven magnetic wheel, said magnetic wheel mounted on top of the tabletop and disposed next to said starwheel, said magnetic wheel driven in an opposite direction from said starwheel, a circumference of said magnetic wheel adapted for engaging a portion of the metal lids as the metal lids are spun on top of the tabletop.

2. The applicator as described in claim 1 further including a plurality of sealant guns under computer control, said sealant guns attached to sealant gun brackets, said sealant gun brackets mounted on said starwheel, whereby said sealant gun brackets are used for suspending said sealant guns next to the circumference of said starwheel.

3. The applicator as described in claim 1 further including a semicircular outer track guide mounted on the tabletop, said outer track guide disposed next to the circumferences of said starwheel and said magnetic wheel with a space therebetween, said space providing a semicircular lid track for receiving the metal lids thereon.

4. The applicator as described in claim 1 further including cam follower bearings mounted on each of said cam followers, said cam follower bearings adapted for engaging a portion of the metal lids as they are spun on top of the tabletop.

5. The applicator as described in claim 2 further including a rotary union mounted in a center of said starwheel, said rotary union housing a computer therein, said computer connected to each of said sealant guns and programmed for turning said guns “on” and “off” when applying sealant to the metal lids.

6. The applicator as described in claim 1 further including a plurality of magnets mounted in the top of the tabletop, an upper portion of said magnets received in a circular groove in a bottom of said magnetic wheel.

7. The applicator as described in claim 6 wherein said magnets are disposed in a semicircular shape on the tabletop.

8. A magnetic sealant liner applicator used for applying sealant to a plurality of metal lids, the applicator receiving the metal lids from an infeed conveyor and discharging the metal lids with sealant thereon to a discharge conveyor, the applicator comprising:

a motor driven starwheel, said starwheel mounted on top of a tabletop, said starwheel driven in one direction, said starwheel having a plurality of cam followers spaced apart and extending outwardly from a circumference thereof, said cam followers having cam follower bearings adapted for receiving a portion of individual metal lids thereagainst;

a plurality of sealant guns mounted on said starwheel, said sealant guns under computer control, said sealant guns disposed next to said cam followers, said sealant guns for applying the sealant inside the metal lids; and

a motor driven magnetic wheel, said magnetic wheel mounted on top of the tabletop and disposed under said starwheel, said magnetic wheel driven in an opposite direction from said starwheel, a circumference of said magnetic wheel adapted for engaging a portion of the metal lids as the metal lids are spun on top of the tabletop.

9. The applicator as described in claim 8 further including a plurality of sealant gun brackets, said sealant gun brackets mounted on said starwheel, whereby said sealant gun brackets are used for suspending said sealant guns next to the circumference of said starwheel.

10. The applicator as described in claim 8 further including an adjustable semicircular outer track guide mounted on the tabletop, said outer track guide disposed next to the circumferences of said starwheel and said magnetic wheel with a space therebetween, said space providing a semicircular lid track which can be quickly adjusted for receiving different diameters of metal lids.

11. The applicator as described in claim 8 further including a semicircular up ramp disposed between an outer track guide mounted on the table top and next to the circumferences of said starwheel and said magnetic wheel, said up ramp adapted for receiving the metal lids thereon.

12. The applicator as described in claim 11 further including a semicircular down ramp disposed between said outer track guide and next to the circumferences of said starwheel and said magnetic wheel, said down ramp adapted for receiving the metal lids thereon.

13. The applicator as described in claim 8 further including a rotary union mounted in a center of said starwheel, said rotary union housing a computer therein, said computer connected to each of said sealant guns and programmed for turning said guns "on" and "off" when applying sealant to the metal lids.

14. The applicator as described in claim 8 further including a plurality of magnets adapted for mounted in the top of the tabletop, an upper portion of said magnets received in a circular groove in a bottom of said magnetic wheel.

15. A magnetic sealant liner applicator used for applying sealant to a plurality of metal lids, the applicator receiving the metal lids from an infeed conveyor and discharging the metal lids with sealant thereon to a discharge conveyor, the applicator comprising:

a motor driven starwheel, said starwheel mounted on top of a tabletop, said starwheel driven in one direction, said starwheel having a plurality of cam followers spaced apart and extending outwardly from a circumference thereof, said cam followers having cam follower bearings adapted for receiving a portion of individual metal lids thereagainst;

a plurality of sealant guns mounted on seal gun brackets attached to said starwheel, said sealant guns under computer control, said sealant guns disposed next to said cam followers, said sealant guns for applying the sealant inside the metal lids;

a motor driven magnetic wheel, said magnetic wheel mounted on top of the tabletop and disposed under said starwheel, said magnetic wheel driven in an opposite direction from said starwheel, a circumference of said magnetic wheel adapted for engaging a portion of the metal lids as the metal lids are spun on top of the tabletop; and

a semicircular outer track guide mounted on the tabletop, said outer track guide disposed next to the circumferences of said starwheel and said magnetic wheel with a space therebetween, said space providing a semicircular lid track for guiding different diameters of metal lids thereon.

16. The applicator as described in claim 15 further including a semicircular up ramp made of hard plastic and disposed on said semicircular lid track between said outer track guide and next to the circumferences of said starwheel and said magnetic wheel.

17. The applicator as described in claim 16 further including a semicircular down ramp disposed on said semicircular lid track and between said outer track guide and next to the circumferences of said starwheel and said magnetic wheel.

18. The applicator as described in claim 15 further including a rotary union mounted in a center of said starwheel, said rotary union housing a computer therein, said computer connected to each of said sealant guns and programmed for turning said guns “on” and “off” when applying sealant to the metal lids.

19. The applicator as described in claim 15 further including a plurality of magnets adapted for mounted in the top of the tabletop, an upper portion of said magnets received in a circular groove in a bottom of said magnetic wheel.

20. The applicator as described in claim 15 wherein said cam followers are adjustable on said starwheel for engaging different diameter metal lids received on said semicircular lid track.